

CASE FR-7095

In the Claims:

1. (Previously presented) A molding composition which comprises a blend formed from at least the following components: (A) a thermoplastic polymer consisting essentially of a thermoplastic polyamide or thermoplastic polyester polymer, said polymer being unreinforced, reinforced, or filled, (B) at least one organic halogen-containing flame retardant, (C) a zinc borate, a mixed oxide of zinc and boron, or zinc sulfide, or a mixture of any two or more of the foregoing; and (D) a propylene homopolymer having a melt flow index of not more than about 5 grams/10 minutes, said blend having an improved comparative tracking index as compared to said thermoplastic polyamide or said thermoplastic polyester polymer.
2. (Previously presented) A composition of claim 1 wherein (A) is nylon 6 or nylon 6,6.
3. (Original) A composition of claim 1 wherein (B) is at least one polybromoaromatic compound containing at least 50% by weight of bromine.
4. (Original) A composition of claim 1 wherein (B) is a polybromostyrenic polymer containing at least 58% by weight of bromine.
5. (Original) A composition of claim 1 wherein (B) is a polybromostyrenic polymer containing at least 65% by weight of bromine.
6. (Original) A composition of claim 1 wherein (C) is a dodecaboron tetrazinc docosaoxide hydrate.
7. (Canceled)
8. (Original) A composition of claim 1 wherein the components used in forming said composition further include at least one polymeric anti-dripping agent.
9. (Original) A composition of claim 8 wherein the anti-dripping agent is a polyfluoroethylene polymer.
10. (Original) A composition of claim 8 wherein the anti-dripping agent is an ethylene/methacrylic acid copolymer.

CASE FR-7095

11. (Original) A composition of claim 1 wherein the components used in forming said composition further comprise a CTI-increasing amount of an organic polymer of silicon absorbed on fumed silica.
12. (Original) A composition of claim 1 wherein the components used in forming said composition further comprise a CTI-increasing amount of an organic polymer of silicon predispersed in a polyamide or polyester resin.
13. (Original) A composition of claim 11 wherein the organic polymer of silicon is a polysiloxane polymer.
14. (Original) A composition of claim 12 wherein the organic polymer of silicon is a polysiloxane polymer.
15. (Original) A composition of claim 13 wherein the polymer of silicon is a poly(dimethylsiloxane) polymer.
16. (Original) A composition of claim 14 wherein the polymer of silicon is a poly(dimethylsiloxane) polymer.
17. (Original) A composition of claim 2 wherein (B) is at least one polybromoaromatic compound containing at least 50% by weight of bromine.
18. (Original) A composition of claim 2 wherein (B) is a polybromostyrenic polymer containing at least 58% by weight of bromine.
19. (Original) A composition of claim 2 wherein (B) is a polybromostyrenic polymer containing at least 65% by weight of bromine.
20. (Original) A composition of claim 2 wherein (C) is a dodecaboron tetrazinc docosaoxide hydrate.
21. (Original) A composition of claim 17 wherein (C) is a dodecaboron tetrazinc docosaoxide hydrate.

CASE FR-7095

22. (Original) A composition of claim 18 wherein (C) is a dodecaboron tetrazine docosaoxide hydrate.
23. (Original) A composition of claim 19 wherein (C) is a dodecaboron tetrazine docosaoxide hydrate.

Claims 24-31 (Canceled)

32. (Original) A composition of claim 2 wherein the components used in forming said composition further include at least one polymeric anti-dripping agent.
33. (Original) A composition of claim 17 wherein the components used in forming said composition further include at least one polymeric anti-dripping agent.
34. (Original) A composition of claim 18 wherein the components used in forming said composition further include at least one polymeric anti-dripping agent.
35. (Original) A composition of claim 19 wherein the components used in forming said composition further include at least one polymeric anti-dripping agent.

Claims 36-39 (Canceled)

40. (Original) A composition of claim 33 wherein the anti-dripping agent is a polyfluoroethylene polymer.
41. (Original) A composition of claim 35 wherein the anti-dripping agent is a polyfluoroethylene polymer.
42. (Original) A composition of claim 33 wherein the anti-dripping agent is an ethylene/methacrylic acid copolymer.
43. (Original) A composition of claim 35 wherein the anti-dripping agent is an ethylene/methacrylic acid copolymer.
44. (Original) A composition of claim 2 wherein the components used in forming said composition further comprise a CTI-increasing amount of an organic polymer of silicon absorbed on fumed silica.

CASE FR-7095

45. (Previously presented) A composition of claim 17 [25] wherein the components used in forming said composition further comprise a CTI-increasing amount of an organic polymer of silicon absorbed on fumed silica.
46. (Previously presented) A composition of claim 19 [27] wherein the components used in forming said composition further comprise a CTI-increasing amount of an organic polymer of silicon absorbed on fumed silica.
47. (Original) A composition of claim 44 wherein the organic polymer of silicon is a polysiloxane polymer.
48. (Original) A composition of claim 45 wherein the organic polymer of silicon is a polysiloxane polymer.
49. (Original) A composition of claim 46 wherein the organic polymer of silicon is a polysiloxane polymer.
50. (Original) A composition of claim 47 wherein the polysiloxane polymer is a poly(dimethylsiloxane) polymer.
51. (Original) A composition of claim 48 wherein the polysiloxane polymer is a poly(dimethylsiloxane) polymer.
52. (Original) A composition of claim 49 wherein the polysiloxane polymer is a poly(dimethylsiloxane) polymer.
53. (Previously presented) An article molded from a composition of any of claims 1, 2, 4, 6, 8, or 19.
54. (Original) An article of claim 53 wherein the article contains glass fiber or a mineral filler, or both.
55. (Previously presented) A method of increasing the flame retardancy and comparative tracking index of a thermoplastic polyamide or a thermoplastic polyester, which method comprises blending with the polyamide or polyester at least the components of any of claims 4 or 35 to form a molding composition.

CASE FR-7095

56. (Original) A method of claim 55 further comprising molding said molding composition while in molten condition.
57. (Original) A method of claim 56 further comprising performing said molding with glass fiber or mineral filler, or both, included in the molten composition.
58. (Previously presented) A method of producing a polyamide article or a polyester article having increased flame retardancy and comparative tracking index, which method comprises molding a melt blend of claim 4.
59. (Original) A method of claim 58 further comprising performing said molding with glass fiber or mineral filler, or both, included in the melt blend.
60. (Original) A flame retardant additive composition which comprises (i) at least one organic halogen-containing flame retardant, (ii) a zinc borate, a mixed oxide of zinc and boron, or zinc sulfide or any combination of any two or more of these, and (iii) an olefin-based polymer, in proportions of 0.5 to 40 parts by weight of (i) and 0.3 to 12 parts by weight of (ii) per part by weight of (iii).
61. (Original) An additive composition of claim 60 further comprising (iv) up to 2 parts by weight of polymeric anti-dripping agent, (v) up to 3 parts by weight of an organic silicon-containing polymer used as the polymer absorbed on fumed silica, (vi) up to 5 parts by weight of organic silicon-containing polymer dispersed in a polyamide or polyester resin, and/or (vii) up to 10 parts by weight of processing, stabilizing, impact strength, and/or compatibilizing additives per part by weight of the olefin-based polymer present therein, at least one of (iv)-(vii) being present in said additive composition.
62. (Original) An additive composition of claim 60 wherein (iii) is a polypropylene homopolymer having a melt flow index of not more than about 5 grams/10 minutes.
63. (Original) An additive composition of claim 61 wherein (iii) is a polypropylene homopolymer having a melt flow index of not more than about 5 grams/10 minutes.
64. (Original) An additive composition of claim 60 wherein (i) is at least one polybromoaromatic compound containing at least 50% by weight of bromine.

CASE FR-7095

65. (Original) An additive composition of claim 61 wherein (i) is at least one polybromoaromatic compound containing at least 50% by weight of bromine.
66. (Original) An additive composition of claim 62 wherein (i) is at least one polybromoaromatic compound containing at least 50% by weight of bromine.
67. (Original) An additive composition of claim 63 wherein (i) is at least one polybromoaromatic compound containing at least 50% by weight of bromine.
68. (Original) An additive composition of any of claims 64 or 66 wherein said polybromoaromatic compound is a polybromostyrenic polymer containing at least 58% by weight of bromine.
69. (Original) An additive composition of claim 68 wherein said polybromostyrenic polymer contains at least 65% by weight of bromine, and wherein (ii) is a dodecaboron tetrazinc docosaoxide hydrate.
70. (Previously presented) A composition of any of claims 1 or 4 wherein (C) is zinc borate or a mixed oxide of boron and zinc.
71. (Previously presented) A composition of any of claims 1 or 4 wherein (C) is zinc borate monohydrate.
72. (Previously presented) A composition of any of claims 1 or 4 wherein (C) is anhydrous zinc borate.
73. (Previously presented) A composition of any of claims 1, 3, or 4 wherein (A) is a thermoplastic polyamide.
74. (Previously presented) A composition of any of claims 1, 3 or 4 wherein (A) is a thermoplastic polyester.
75. (Previously presented) A composition of claim 1 wherein (A) is a thermoplastic

CASE FR-7095

polyester which contains at least 80% by weight, based on the dicarboxylic acid component, of terephthalic acid and at least 80% by weight, based on the diol component, of ethylene glycol and/or 1,4-butanediol units.

76. (Previously presented) A composition of claim 1 wherein (A) is a thermoplastic polyester is a polyalkylene terephthalate mixture containing 1 to 50% by weight of polyethylene terephthalate and 99 to 50 wt% of polybutylene terephthalate.
77. (Previously presented) A composition of claim 76 wherein (C) is a dodecaboron tetrazinc docosaoxide hydrate.
78. (Previously presented) A composition of claim 76 wherein the components used in forming said composition further comprise an organic polymer of silicon absorbed onto fumed silica.
79. (Previously presented) A composition of claim 76 wherein the components used in forming said composition include at least one polymeric anti-dripping agent.
80. (Previously presented) A composition of claim 76 wherein (C) is a dodecaboron tetrazinc docosaoxide hydrate, and wherein the components used in forming said composition further comprise an organic polymer of silicon absorbed onto fumed silica and at least one polymeric anti-dripping agent.
81. (Previously presented) A composition of claim 76 or 80 wherein said polyester has an intrinsic viscosity of 0.4 to 1.5 dl/g.
82. (Previously presented) A composition of claim 78 wherein said organic polymer of silicon is a polysiloxane polymer.
83. (Currently amended) An additive composition of any of claims 64-67 [(as set forth in this application as filed)] wherein said polybromoaromatic compound is a polybromostyrenic polymer containing at least 58% by weight of bromine.
84. (Previously presented) An additive composition of Claim 83 wherein said polybromostyrenic polymer contains at least 65% by weight of bromine, and wherein (ii) is a dodecaboron tetrazinc docosaoxide hydrate.